

GE
Lighting Solutions

Area Lighting

Criterion™ (CHMX, CVMX, CHLX, CVLX, CHMC, CVMC, CHLC & CVLC)



imagination at work

Product Features

Designed for superior photometric performance and architectural appeal, GE Outdoor Area Sighlighters provide broad application flexibility. From parking lots to downtown areas, hospitals to shopping malls, business complexes to residential neighborhoods, these fixtures will satisfy your large area lighting needs, while complementing your aesthetic desires.

Applications

- Walkways, driveways, tennis courts, malls and shopping centers
- Commercial and industrial complexes, residential areas and parkway lighting

Housing

- Die-cast aluminum housing for strength, beauty and low maintenance

Finish

- Choice of a palette of standard colors, 188 RAL colors, or your own custom color in fade and abrasion-resistant powder coat paints

Rating

-   1598 Listed Suitable for Wet Locations

Reflectors

- Reflector section, optimized for typical applications – facilitates and maximizes design flexibility
- Reflector is computer optimized for MH lamps to maximize efficiency
- ALGLAS™ coating seals reflectors from contaminants for superior long term performance
- Field-rotatable reflector allows design flexibility and fine tuning without housing reorientation (excluding FWT reflectors)
- Rugged hydro-formed reflector for consistent, repeatable performance

Unique Features

- Scaled family styling for a consistent site-enhancing look – day and night
- Concealed continuous gasket seals against harmful dust, dirt, moisture and insects
- Tool-less entry for easy, economical maintenance
- Activated charcoal breath-way for clean ventilation and long term maintained foot candle levels
- Low-profile hinges and latches for a clean look
- Optical insert redirects nadir focused light into a projected beam for enhanced uniformity
- Square Type V distribution minimizes adjacent luminaire overlap and improves uniformity
- Designed for compact lamps minimizing EPA and pole costs
- Optional switched quartz
- Optional single & dual fusing
- Optional full size twist lock PE receptacle

Ordering Number Logic

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PROD. ID	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE SELECTION	PE CONTROLS	PHOTOMETRIC DISTRIBUTION	COLOR	MOUNTING	OPTIONS
CHMX = Medium Horizontal Lamp CVMX = Medium Vertical Lamp CHLX = Large Horizontal Lamp CVLX = Large Vertical Lamp CHMC = Medium Horizontal Lamp for Canada CVMC = Medium Vertical Lamp for Canada CHLC = Large Horizontal Lamp for Canada CVLC = Large Vertical Lamp for Canada	25 = 250(M) 32 = 320(M) 40 = 400(M) 01 = 1000(L) M = Medium L = Large	E = Energy Act Compliant Pulse MH (EPMH) S = HPS M = MH P = Pulse Start MH Lamp included	60Hz 0 = 120/208/240/277* MULTIVOLT 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 P = 347, 120x277 D = 347 P = 120x277x347** * Factory set to 277V ** Factory set to 347V	See Ballast Selection Table A = Autoreg D = BiLevel III 400W & 1000W Vertical Lamp Only MH/PMH	1 = No PE 2 = With PE Receptacle	A = Flat Glass* B = Flat Glass*, Narrow Asymmetric, Wide Forward Throw C = Flat Glass* Symmetric, Square D = Sag Glass** Asymmetric, Narrow E = Sag Glass** Asymmetric, Wide Forward Throw F = Sag Glass** Symmetric, Square G = Sag Glass** Symmetric, Square H = Sag Glass** Symmetric, Square * = Previously IESNA Full Cutoff Optics ** Sag glass available only on vertical luminaires	Standard Colors DKBZ = Dark Bronze BLCK = Black WHITE = White Special Colors Insert four digit color code from RAL Color Chart	A = 4 in. Mounting Arm* B = 8 in. Mounting Arm** C = 12 in. Mounting Arm D = 4 in. Mounting Arm for Round Pole* E = 8 in. Mounting Arm for Round Pole** F = 12 in. Mounting Arm for Round Pole R = No Arm	B = Time Delay Automatically Switched Quartz F = Fusing* J = Line Surge Protector, Expulsion Type (UL not available) T = Terminal Board XXX = Special Options 005 = External slipfitter 2-3/8" * Fusing not available with multi-volt

Ballast Selection Table

All HID light sources are clear unless otherwise indicated.

Housing Type	Light Wattage	Source	Lamp Size	Multivolt	120	208	240	277	480	347	120 x 277 x 347
CHMX	250, 400	HPS	ED28	A	A, D*	A, D*	A, D*	A, D*	A, D*	N/A	N/A
	250, 400	EPMH	ED28	A	A	A	A	A	A	N/A	N/A
CHLX	1000	MH	BT37	A	A	A	A	A	A	N/A	N/A
CVMX	250, 400	HPS	ED28	A	A, D*	A, D*	A, D*	A, D*	A, D*	N/A	N/A
	250, 400	EPMH	ED28	A	A	A	A	A	A	N/A	N/A
CVLX	750	PMH	BT37	N/A	A	A	A	A	A	A	N/A
	1000	MH	BT37	A	A, D	A, D	A, D	A, D	A, D	N/A	N/A
CHMC Canada	250, 400	HPS	ED28	N/A	A, D*	N/A	N/A	A, D*	N/A	A, D*	A
	250, 400	MH	ED28	N/A	A	N/A	N/A	A	N/A	A	A
	250, 400	PMH	ED28	N/A	A	N/A	N/A	A	N/A	A	A
CHLC Canada	1000	MH	BT37	N/A	A	N/A	N/A	A	N/A	A	A
CVMC Canada	250, 400	HPS	ED28	N/A	A, D*	N/A	N/A	A, D*	N/A	A, D*	N/A
	250, 400	MH	ED28	N/A	A, D	N/A	N/A	A, D	N/A	A, D	A
	250, 400	PMH	ED28	N/A	A	N/A	N/A	A	N/A	A	A
CVLC Canada	750	PMH	BT37	N/A	A	A	A	A	A	A	N/A
	1000	MH	BT37	N/A	A, D	N/A	N/A	A, D	N/A	A, D	A

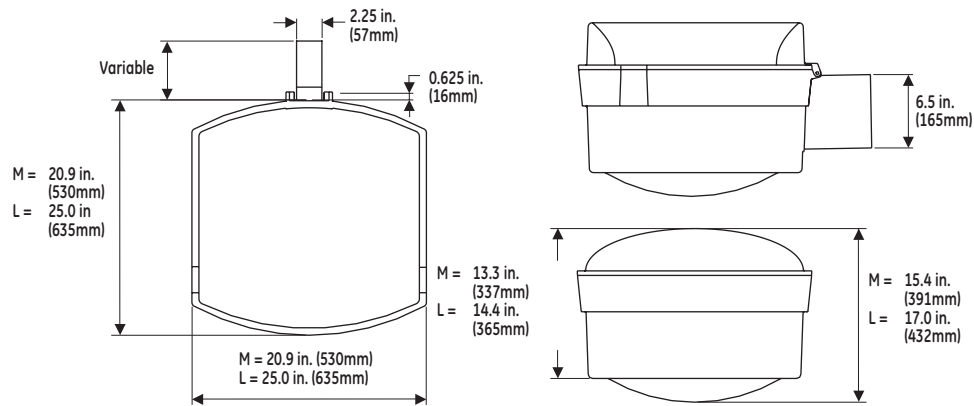
NOTE: N/A = Not Available *400W only

Photometric Selection Table

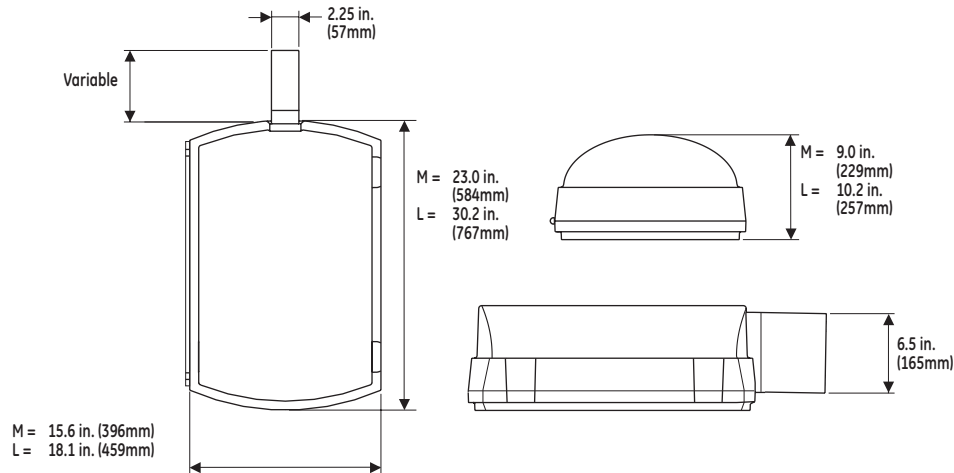
Horizontal Luminaire Size	Wattage	Light Source	Flat Glass (A) Asymmetric (Narrow)	Flat Glass (B) Asymmetric (Wide)	Flat Glass (C) Forward (Throw)	Flat Glass (D) Symmetric (Square)
Medium (CHMX, CHMC)	250	HPS	451862	451863	451864	451865
	400	HPS	451728	451731	451734	451737
	250	EPMH	451866	451867	451868	451869
	400	EPMH	451729	451732	451735	451738
Large (CHLX, CHLC)	1000	MH	N/A	N/A 451743	N/A	
Vertical Luminaire Size	Wattage	Light Source	Sag Glass (E) Asymmetric (Narrow)	Sag Glass (F) Asymmetric (Wide)	Sag Glass (G) Forward (Throw)	Sag Glass (H) Symmetric (Square)
Medium (CVMX, CVMC)	250	HPS	451874	451875	451876	451877
	400	HPS	451708	451711	451714	451717
	250	EPMH	451878	451879	451880	451881
	400	EPMH	451709	451712	451715	451718
Large (CVLX, CVLC)	750	PMH	452668	452669	452670	452671
	1000	MH	451719	451721	451723	451725
Vertical Luminaire Size	Wattage	Light Source	Flat Glass (A) Asymmetric (Narrow)	Flat Glass (B) Asymmetric (Wide)	Flat Glass (C) Forward (Throw)	Flat Glass (D) Symmetric (Square)
Large (CVLX, CVLC)	750	PMH	N/A	452626	451631	452624
	1000	MH	N/A	452625	451425	452623

Product Dimensions

Vertical



Horizontal



Suggested Configuration

HORIZONTAL											VERTICAL										
ACCESS ROAD LIGHTING											ACCESS ROAD LIGHTING										
400 watt	CHMX	40	P	0	A	1	A	DKBZ	A	C	400 watt	CVMX	40	P	0	A	1	E	DKBZ	B	C
	CHMX	40	P	0	A	1	B	DKBZ	A	C		CVMX	40	P	0	A	1	F	DKBZ	B	C
1000 watt	N/A										1000 watt	N/A									
PARKING PERIMETER LIGHTING											PARKING PERIMETER LIGHTING										
400 watt	CHMX	40	P	0	A	1	C	DKBZ	A	C	400 watt	CVMX	40	P	0	A	1	G	DKBZ	B	C
1000 watt	CHLX	01	M	0	A	1	C	DKBZ	A	C	1000 watt	CVLX	01	M	0	A	1	G	DKBZ	B	C
PARKING LOT LIGHTING											PARKING LOT LIGHTING										
400 watt	CHMX	40	P	0	A	1	D	DKBZ	A	C	400 watt	CVMX	40	P	0	A	1	H	DKBZ	B	C
1000 watt	CHLX	01	M	0	A	1	D	DKBZ	A	C	1000 watt	CVLX	01	M	0	A	1	H	DKBZ	B	C

DATA	Approximate Net Weight:		Effective Projected Area:		Typical Mounting Height:	
	Medium Vertical	45-70 lbs (20-32 kgs)	Medium Vertical	1.8 sq ft max (.220 sq M max)	Medium	20-40 ft (6-12 M)
	Medium Horizontal	34-45 lbs (16-21 kgs)	Medium Horizontal	1.8 sq ft max (.220 sq M max)	Large	30-50 ft (9-15 M)
	Large Vertical	60-70 lbs (27-32 kgs)	Large Vertical	3.0 sq ft max (.282 sq M max)		
	Large Horizontal	60-70 lbs (27-32 kgs)	Large Horizontal	2.4 sq ft max (.222 sq M max)		



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